





**Build cross platform desktop apps
with JavaScript, HTML, and CSS ...**

Part 2: Beyond Hello World.

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#electronjs #crossdesktopapps #js
#javascript #html #css

Rückblick ...

Grundlagen

Electron aufgesetzt

Beispiel ausgeführt

Aufbau ...

Welche “Webenginge” nutzt Electron?

Weitere Komponenten von Electron?

Initial entwickelt von? ... für?

Electron ...

nutzt Chromium!

kann Node.js, HTML, JS & CSS!

wurde initial von GitHub für das
atom.io Projekt entwickelt.

Setup? ...

Paket herunterladen

Bibliotheken installieren

Quick-Start ausführen

Linux ...

```
# Clone the Quick Start repository
$ git clone https://github.com/electron/electron-quick-start

# Go into the repository
$ cd electron-quick-start

# Install the dependencies
$ npm install

# Run your first application
$ npm start
```

Windows ...

```
# Website (alt. electronjs.org)
$ https://github.com/electron/electron/releases/latest

# Download & Unpack / Install
$ electron-v4.2.6-win*****.zip
```

In dieser Einheit ...

Windows 95

APIs von Electron

Modularisierung

Zurück ins Jahr 1995 ...

Windows 95 | <https://github.com/felixrieseberg/windows95>

Linux ...

```
# Clone the Quick Start repository
$ git clone https://github.com/felixrieseberg/windows95.git
```

```
# Go into the repository
$ cd windows95
```

```
# Install the dependencies
$ npm install
```

```
# Run your first application
$ npm start
```

Showcase

Windows 95 ...

```
# run win95 application
$ cd electron/02-electron-windows95

# win95 image should be ...
$ src/images/windows95.img
```

APIs von Electron ...

alles ist eine API!

Native User Interface

Systeminformation

...

APIs von Electron; **das Setup ...**

anderes GitHub-Repository

sonst wie bisher

Linux ...

```
# Clone the Quick Start repository
$ git clone https://github.com/electron/electron-api-demos

# Go into the repository
$ cd electron-api-demos

# Install the dependencies
$ npm install

# Run your first application
$ npm start
```

Windows ...

```
# Webseite
$ https://github.com/electron/electron-api-demos/releases

# Download & Unpack / Install
$ electron-api-demos-windows.zip
```

Showtime ...

Part 2: Beyond Hello World.

```
# Run the API-Demo application
```

```
$ cd electron/02-electron-api-demos
```

```
# Run the API-Quick-Startapplication
```

```
$ cd electron/02-electron-quick-start-apis
```

Hands on ...

- ❑ API-Toolkit anschauen
- ❑ Modul abstrahieren & einbinden
- ❑ Erstes eigenes UI bauen,
Stichwort: Abschlussarbeit.